

1049-49-6

Florian Wagener* (wagener@uva.nl), CeNDEF/KE, Roetersstraat 11, 1018 WB
AMSTERDAM, Netherlands. *On the Leitmann equivalent problem approach.*

The purpose of this paper is to show how Leitmann's equivalent problem approach ties in with the classical notions of the Calculus of Variations, and how it can be exploited to give a rapid and elegant approach to Weierstrass' theory of sufficient conditions. Various endpoint conditions are considered. (Received August 13, 2008)